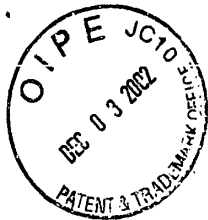


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**FIG. 5**

FIG. 6



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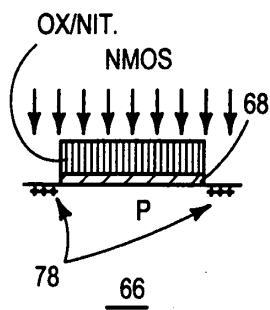


FIG. 10A

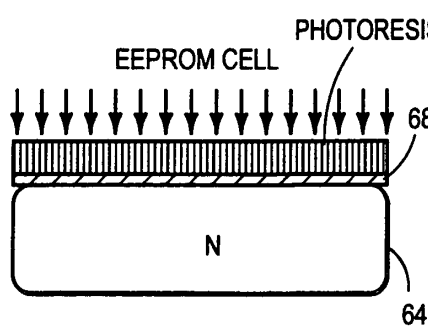


FIG. 10B

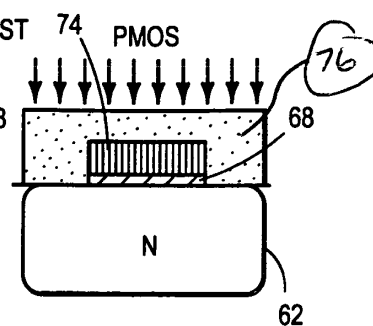


FIG. 10C

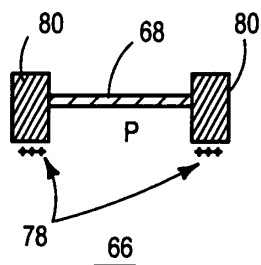


FIG. 11A

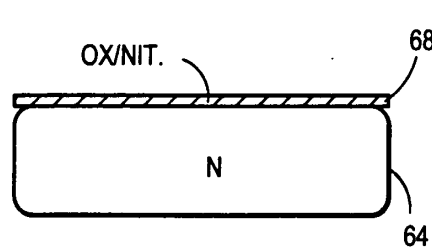


FIG. 11B

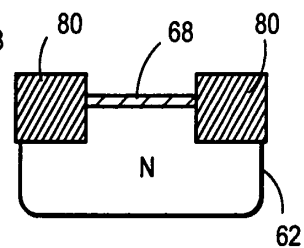


FIG. 11C

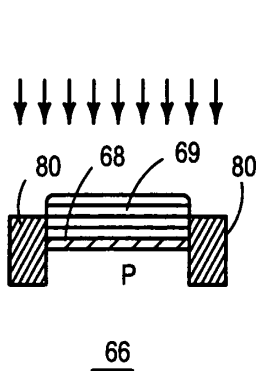


FIG. 12A

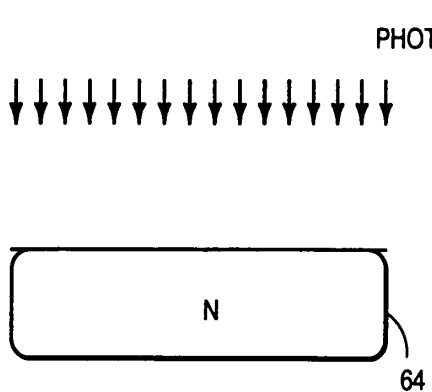


FIG. 12B

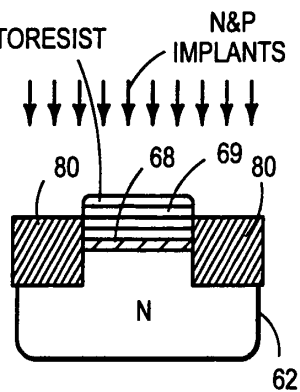
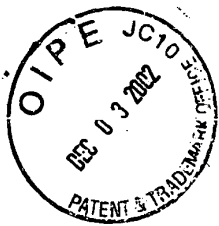


FIG. 12C



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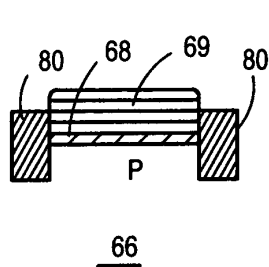


FIG. 13A

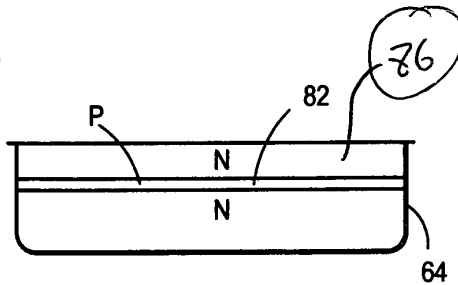


FIG. 13B

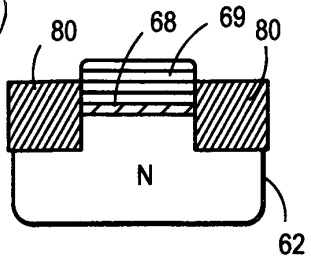


FIG. 13C

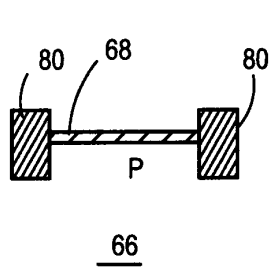


FIG. 14A

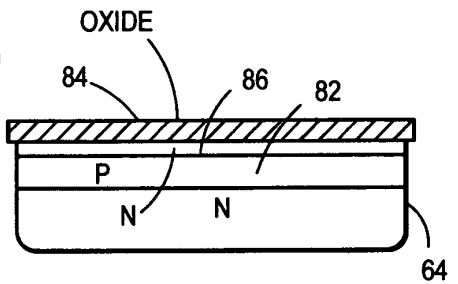


FIG. 14B

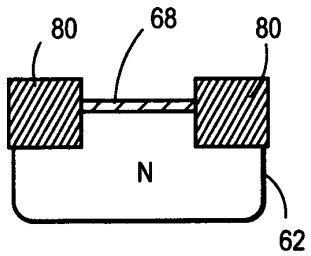


FIG. 14C

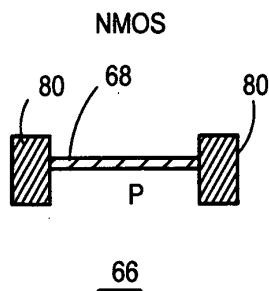


FIG. 15A

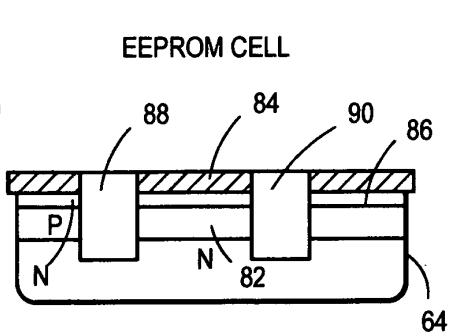


FIG. 15B

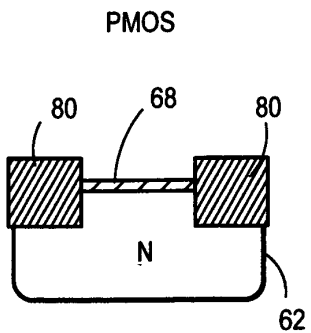
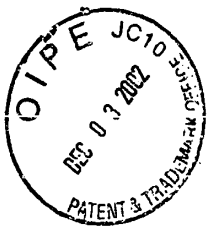


FIG. 15C



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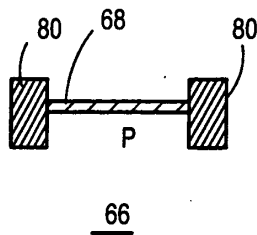


FIG. 19A

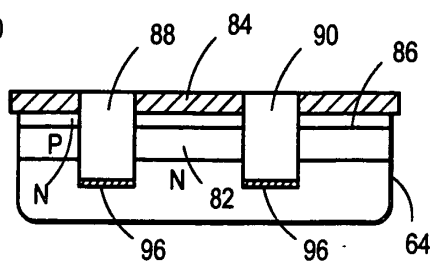


FIG. 19B

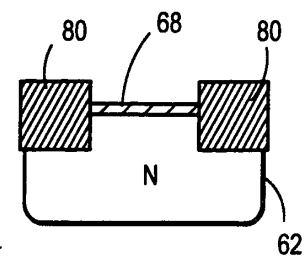


FIG. 19C

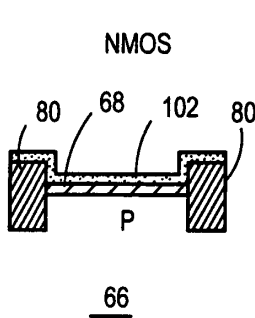


FIG. 20A

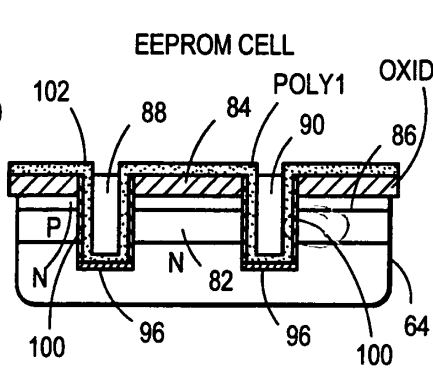


FIG. 20B

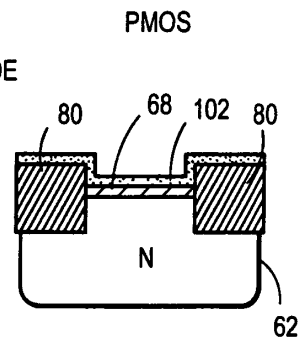


FIG. 20C

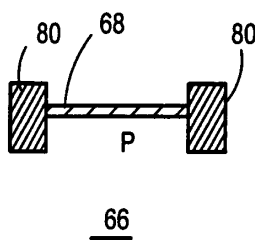


FIG. 21A

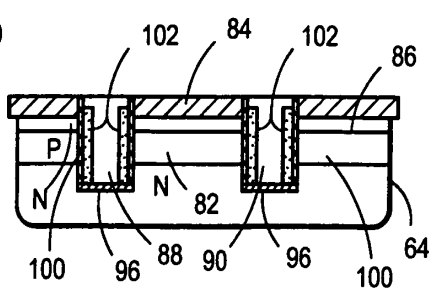


FIG. 21B

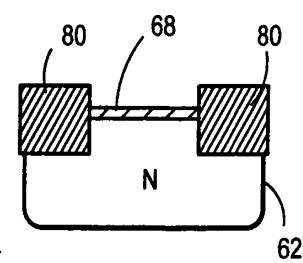
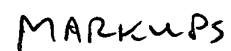


FIG. 21C



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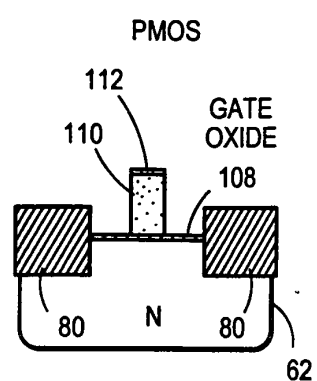
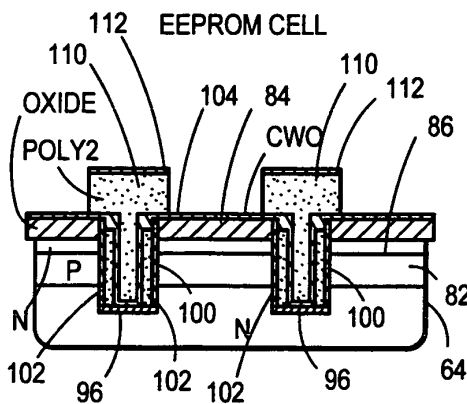
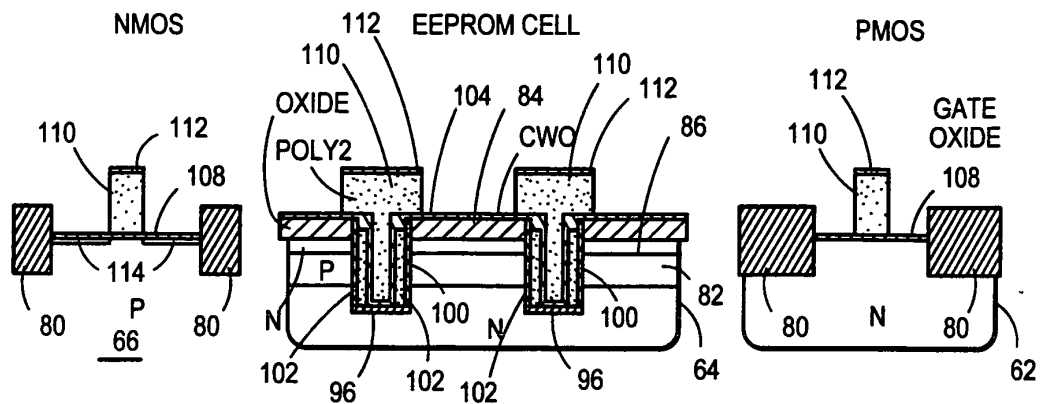


FIG. 25A

**FIG. 25B**

**FIG. 25C**

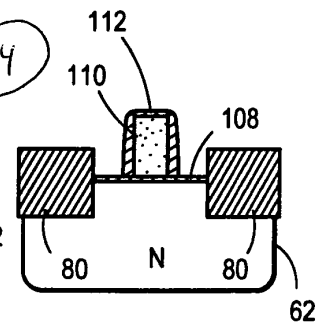
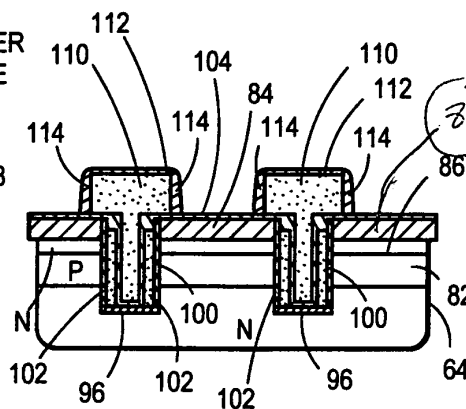
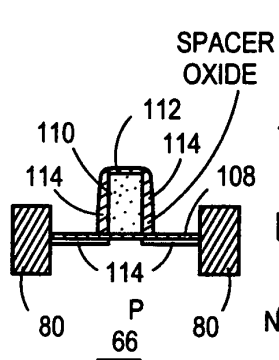


FIG. 26A

**FIG. 26B**

FIG. 26C

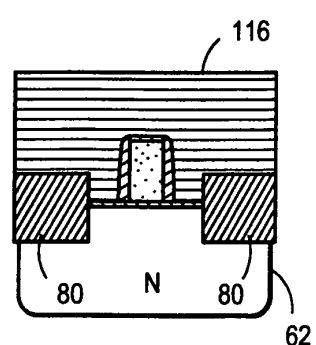
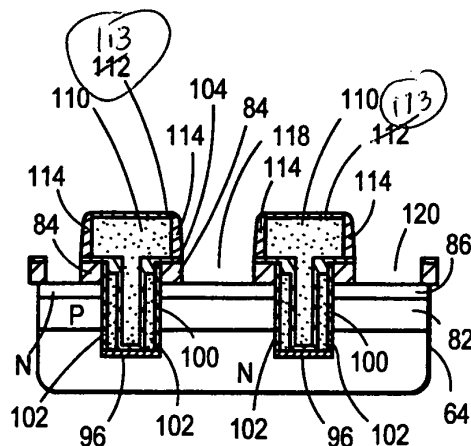
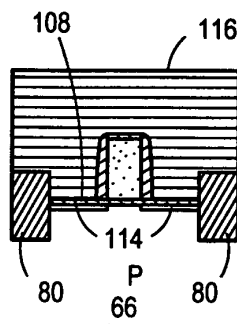
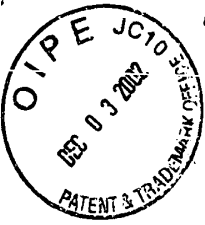


FIG. 27A

FIG. 27B

FIG. 27C



RECEIVED  
DEC -6 2002  
TECHNOLOGY CENTER 2800

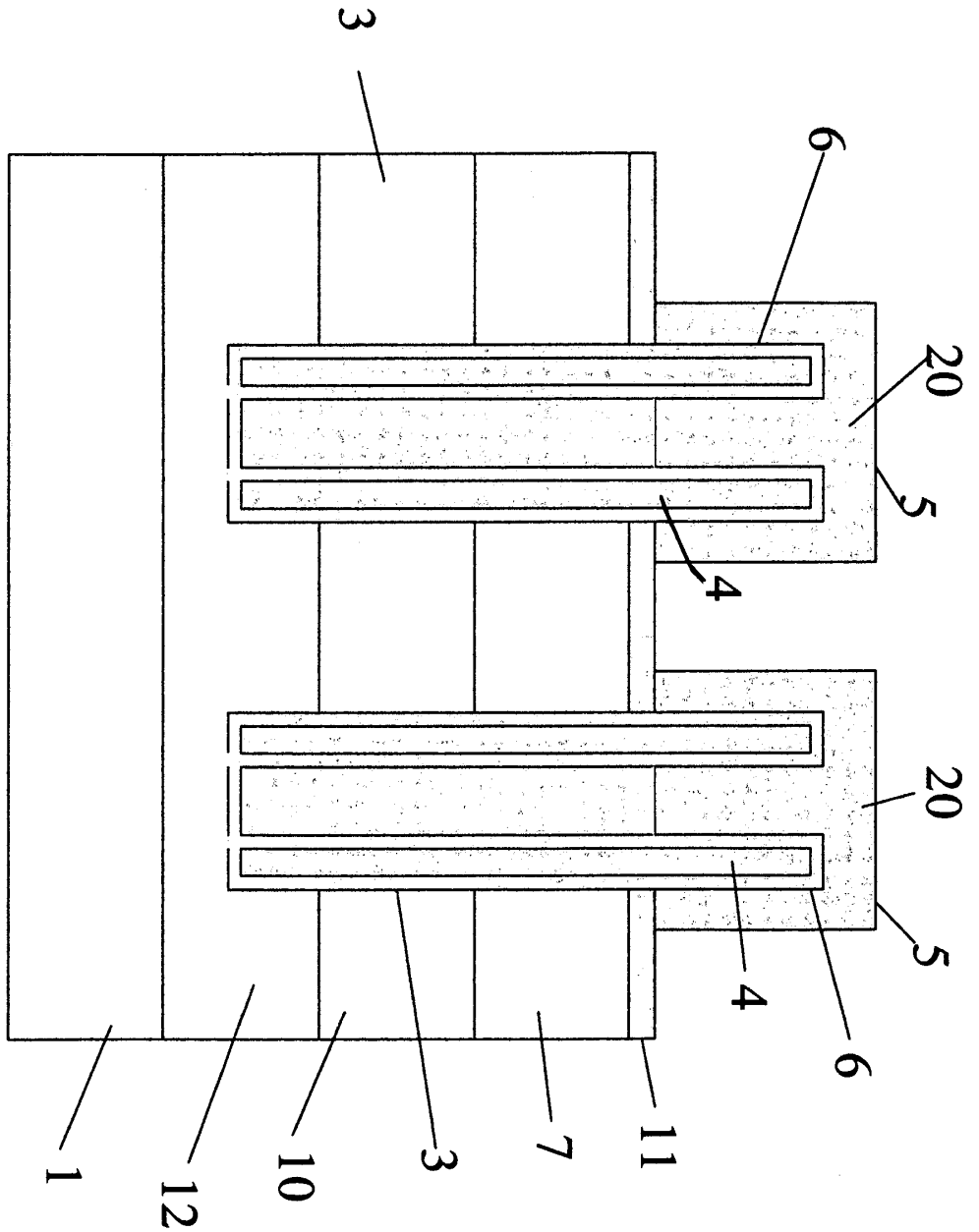


FIG. 3



RECEIVED  
DEC -6 2002  
TECHNOLOGY CENTER 2800

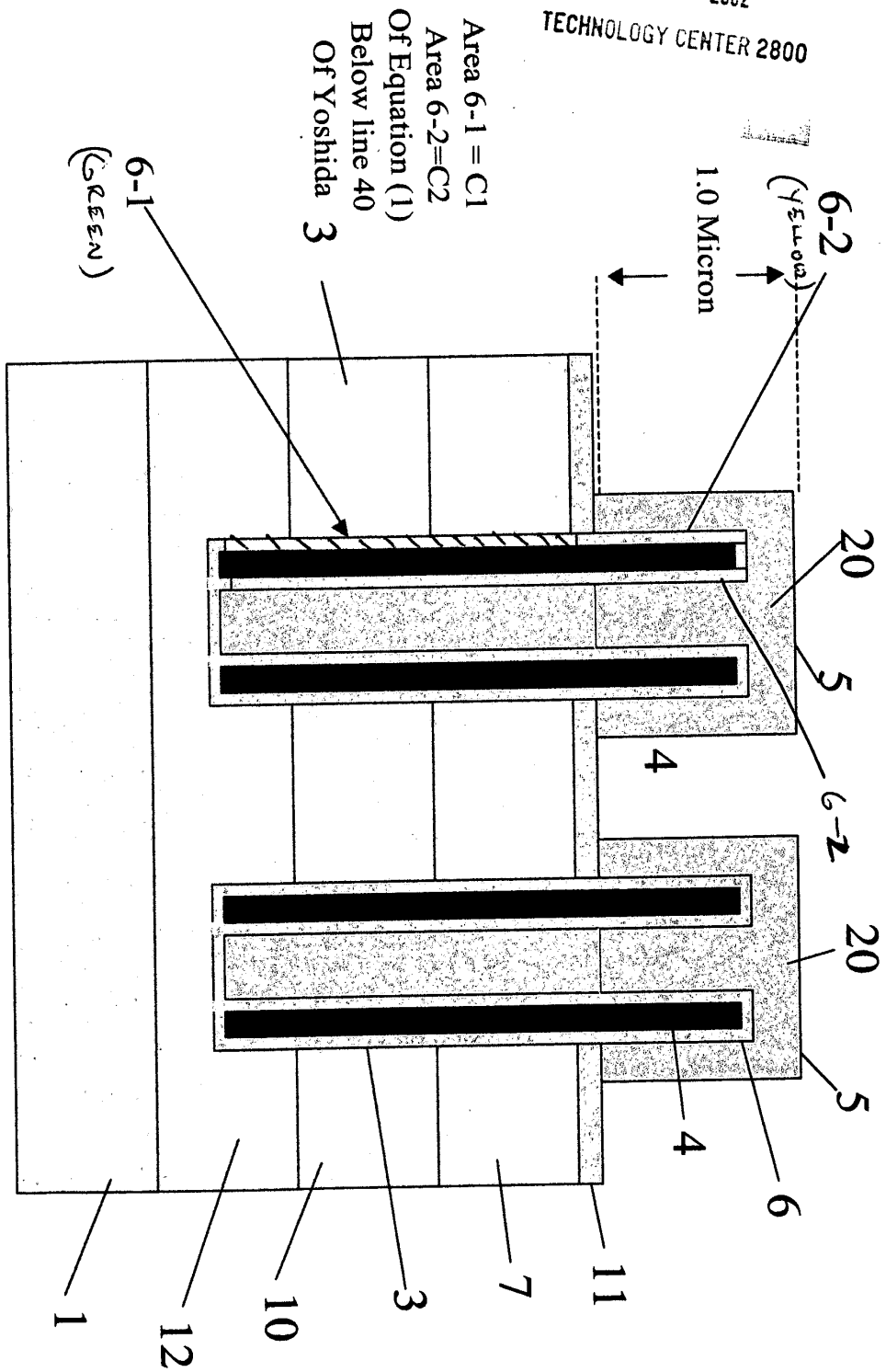
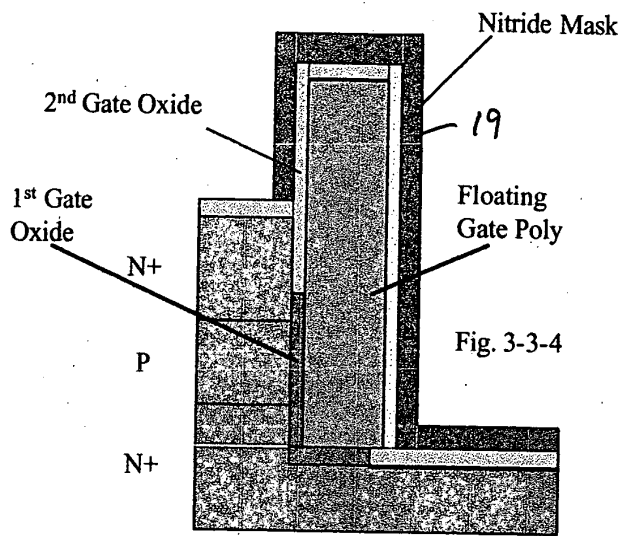
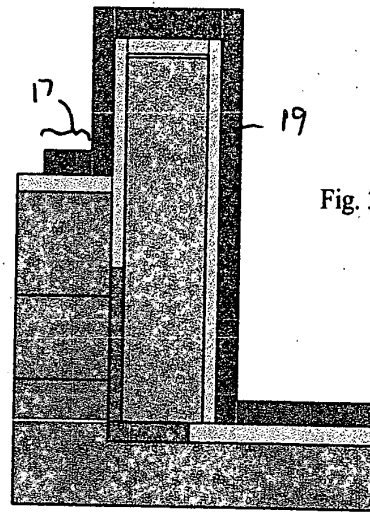


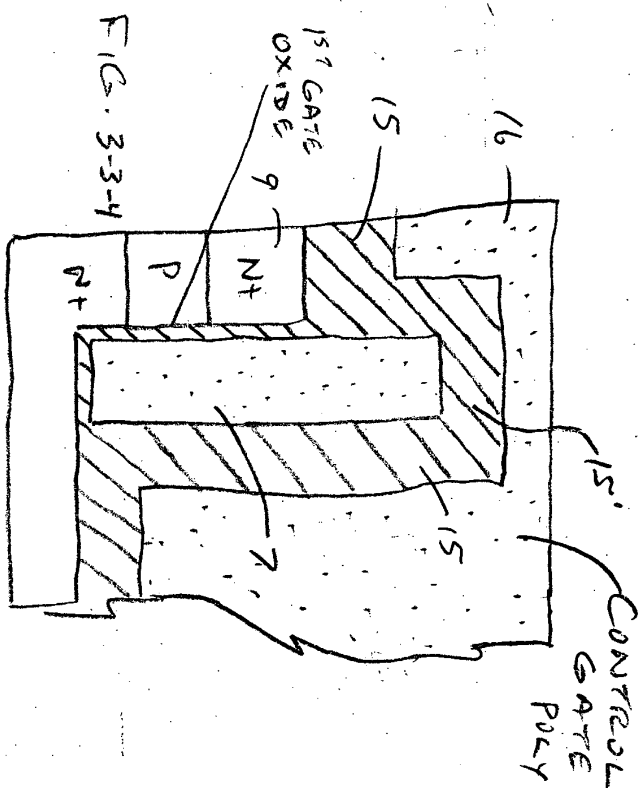
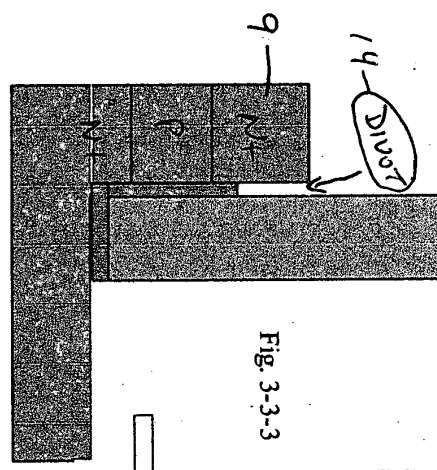
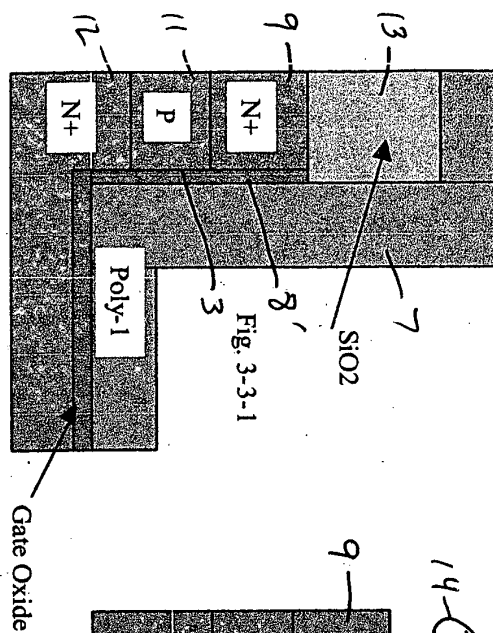
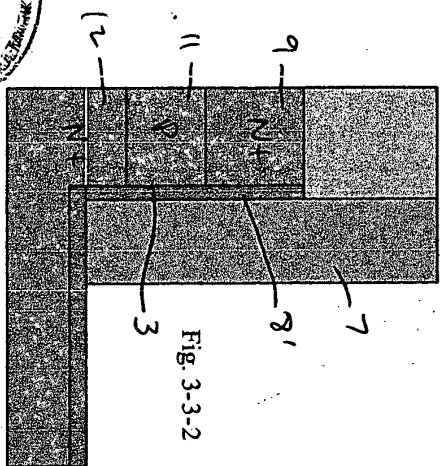
FIG. 3-2

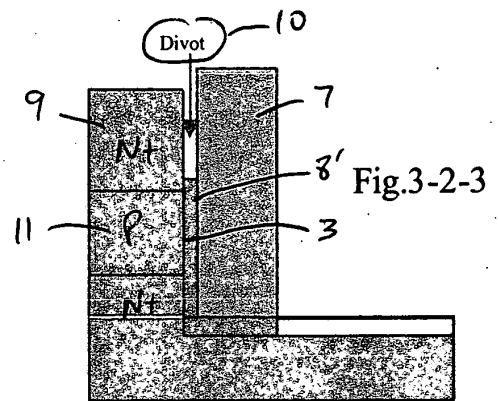
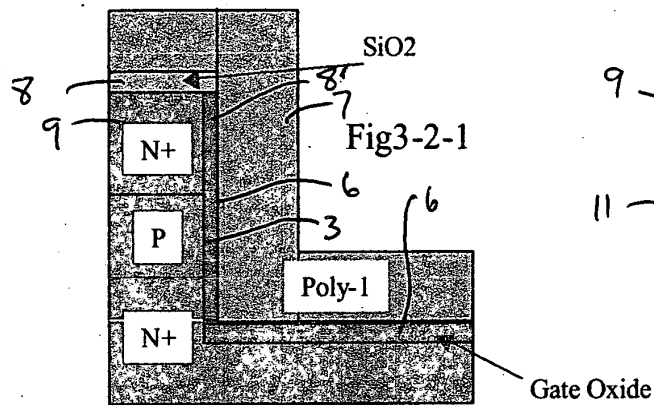
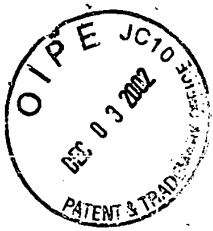


EXACT ALIGNMENT

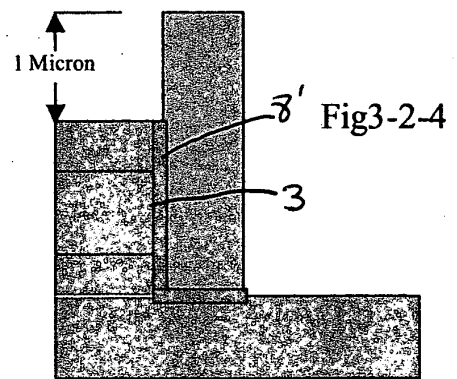
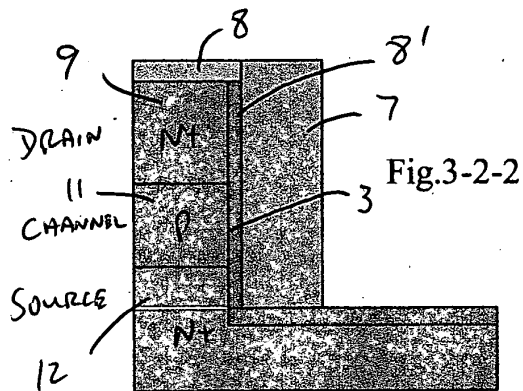
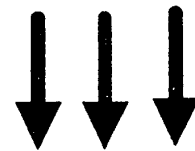


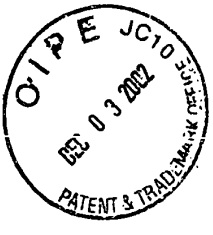
TYPICAL  
~~MYS-ALIGNMENT~~  
MISALIGNMENT



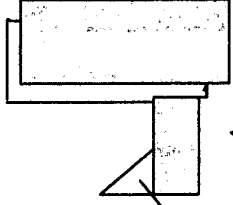


Not Possible



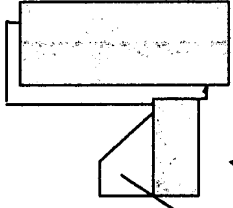


Actual Structure



Thermally Grown  
Field Oxide

Actual Structure



Thermally Grown  
Field Oxide

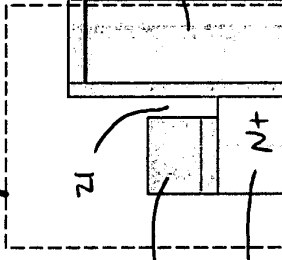


Fig.3-3-8

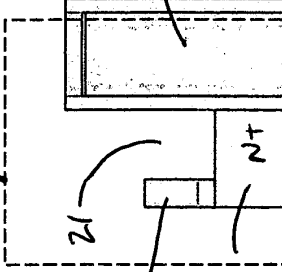
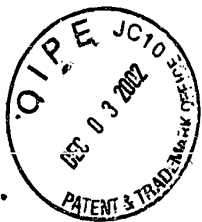


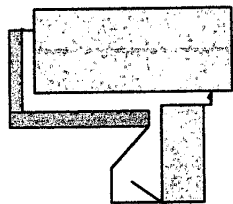
Fig.3-3-9

Ideal Structure

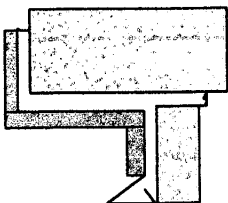
Ideal Structure



Actual Structure

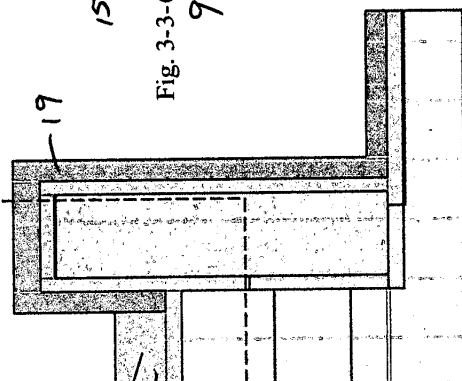


Actual Structure

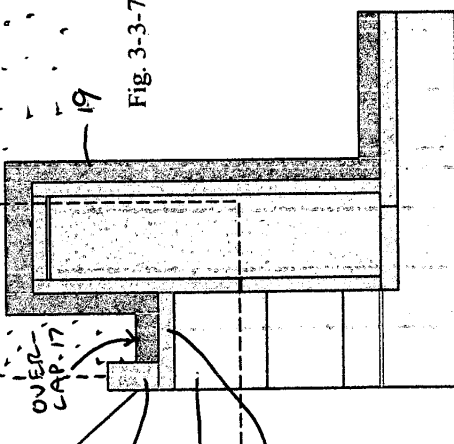


CONTROL  
GATE POLY  
16

Thermally Grown  
Field Oxide



Ideal Structure



Ideal Structure

OVER-  
CAP. 17

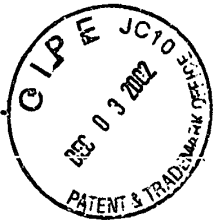
Fig. 3-3-6

Fig. 3-3-7

15

9

15"



Shorts

Fig.3-3-11

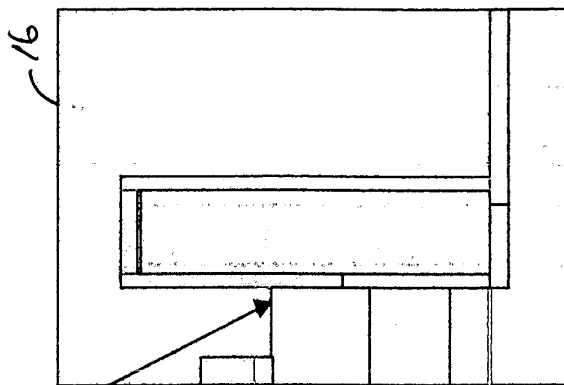
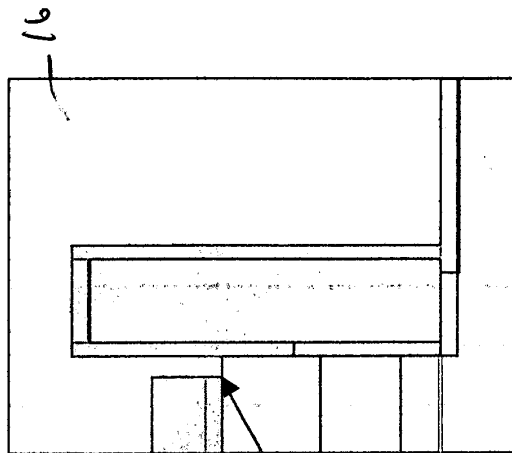


Fig.3-3-10

CONTROL  
GATE



Shorts